CLAIMS

1. Improved multiparticulate tablet which disintegrates in contact with the saliva in the mouth in less than 40 seconds, characterized in that it is based on particles of coated active principle which have intrinsic compression characteristics, and on a mixture of excipients, the ratio of excipient mixture to coated active principle particles being 0.4 to 6 parts by weight, preferably 1 to 4 parts by weight, the mixture of excipients comprising:

- a disintegration agent;
- a soluble diluent agent with binding properties which consists of a polyol having less than 13 carbon atoms and being either in the form of the directly compressible product with an average particle diameter of 100 to 500 μm, or in the form of a powder with an average particle diameter of less than 100 μm, this polyol preferably being selected from the group comprising mannitol, xylitol, sorbitol and maltitol, it being understood that sorbitol cannot be used on its own and that, in the case where there is only one soluble diluent agent with binding properties, it is used in the form of the directly compressible product, whereas in the case where there are at least two soluble diluent agents with binding properties, one is present in the directly compressible form and the other is present in powder form, it then being possible for the polyols to be the same, the ratio of directly compressible polyol to powder polyol being 99/1 to 20/80, preferably 80/20 to 20/80;
- a lubricant;
- a permeabilizing agent; and
- advantageously lubricants, sweeteners, flavourings and colours,

the proportion of disintegration agent being 1 to 15% by weight, preferably 2 to 7% by weight, and the proportion of soluble agent being 30 to 90% by weight, preferably 40 to 70% by weight, based in each case on the weight of the tablet.

2. Tablet according to Claim 1, characterized in that the active principle is selected from the group comprising especially aspirin, paracetamol and ibuprofen.

3. Tablet according to Claim 1 or Claim 2, characterized in that the disintegrating agent is selected from the group comprising especially croscarmellose, crospovidone and mixtures thereof.

4. Tablet according to one of Claims 1 to 3, characterized in that the permeabilizing agent is selected from the group comprising silicas with a high

affinity for aqueous solvents, such as precipitated silica, maltodextrins, β-cyclodextrins and mixtures thereof.

5. Tablet according to one of Claims 1 to 4, characterized in that the permeabilizing agent is precipitated silica.

6. Tablet according to one of Claims 1 to 5, characterized in that the proportion of permeabilizing agent is 0.1 to 10%, preferably 0.5 to 5%, based on the weight of the tablet.

7. Tablet according to any one of Claims 1 to 6, characterized in that the lubricant is selected from the group comprising especially magnesium stearate, sodium stearyl fumarate, stearic acid, micronized polyoxyethylene glycol and mixtures thereof.

8. Tablet according to one of Claims 1 to 7, characterized in that the sweetener is selected from the group comprising especially aspartame, potassium acesulfame, sodium saccharinate, neohesperidin dihydrochalcone and mixtures thereof.